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TECH CENTER 300 2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/463,844

DATE: 09/21/2001

TIME: 18:44:54

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Output Set: N:\CRF3\09212001\I463844.raw

ENTERED

3 <110> APPLICANT: FLANNERY, ANGELA VERONICA
 4 FINNEGAN, MARIA CHRISTINA MARTINA
 6 <120> TITLE OF INVENTION: ZGGBP1, NOVEL PEPTIDES RELATED TO BIPOLAR AFFECTIVE
 7 DISORDERS TYPE 1, SEQUENCES AND USES THEREOF
 9 <130> FILE REFERENCE: DJB/009901/0265461
 11 <140> CURRENT APPLICATION NUMBER: 09/463,844
 12 <141> CURRENT FILING DATE: 2000-02-01
 14 <150> PRIOR APPLICATION NUMBER: PCT/GB98/022059
 15 <151> PRIOR FILING DATE: 1998-07-28
 17 <150> PRIOR APPLICATION NUMBER: GB 9716162.4
 18 <151> PRIOR FILING DATE: 1997-08-01
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136 35 40 45
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139 50 55 60
141 Val Lys Leu Ser Leu Tyr Val Ala Asp Glu Asn Arg Glu Leu Ala Leu
142 65 70 75 80
144 Val Gln Thr Lys Thr Ile Lys Lys Thr Leu Asn Pro Lys Trp Asn Glu
145 85 90 95
147 Glu Phe Tyr Phe Arg Val Asn Pro Ser Asn His Arg Leu Leu Phe Glu
148 100 105 110
150 Val Phe Asp Glu Asn Arg Leu Thr Arg Asp Asp Phe Leu Gly Gln Val
151 115 120 125
153 Asp Val Pro Leu Ser His Leu Pro Thr Glu Asp Pro Thr Met Glu Arg
154 130 135 140
156 Pro Tyr Thr Phe Lys Asp Phe Leu Leu Arg Pro Arg Ser His Lys Ser
157 145 150 155 160
159 Arg Val Lys Gly Phe Leu Arg Leu Lys Met Ala Tyr Met Pro Lys Asn
160 165 170 175
162 Gly Gly Gln Asp Glu Glu Asn Ser Asp Gln Arg Asp Asp Met Glu His
163 180 185 190
165 Gly Trp Glu Val Val Asp Ser Asn Asp Ser Ala Ser Gln His Gln Glu
166 195 200 205
168 Glu Leu Pro Pro Pro Pro Leu Pro Pro Gly Trp Glu Glu Lys Val Asp
169 210 215 220
171 Asn Leu Gly Arg Thr Tyr Tyr Val Asn His Asn Asn Arg Thr Thr Gln
172 225 230 235 240
174 Trp His Arg Pro Ser Leu Met Asp Val Ser Ser Glu Ser Asp Asn Asn
175 245 250 255

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 184 290 295 300
 186 Asp Ser Leu Gly Val Val Leu Pro Pro Pro Pro Ala Ser Pro Gly Ser
 187 305 310 315 320
 189 Arg Thr Ser Pro Gln Glu Leu Ser Glu Glu Leu Ser Arg Arg Leu Gln
 190 325 330 335
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 196 355 360 365
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 214 450 455 460
 216 Pro Val Arg Arg Ala Val Lys Asp Thr Leu Ser Asn Pro Gln Ser Pro
 217 465 470 475 480
 219 Gln Pro Ser Pro Tyr Asn Ser Pro Lys Pro Gln His Lys Val Thr Gln
 220 485 490 495
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 223 500 505 510
 225 Pro Phe Phe Ile Asp His Asn Thr Lys Thr Thr Thr Trp Glu Asp Pro
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 231 Asn Asp Leu Gly Pro Leu Pro Pro Gly Trp Glu Glu Arg Ile His Leu
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 235 565 570 575
 237 Glu Asp Pro Arg Leu Gln Asn Pro Ala Ile Thr Gly Pro Ala Val Pro
 238 580 585 590
 240 Tyr Ser Arg Glu Phe Lys Gln Lys Tyr Asp Tyr Phe Arg Lys Lys Leu
 241 595 600 605
 243 Lys Lys Pro Ala Asp Ile Pro Asn Arg Phe Glu Met Lys Leu His Arg
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256          675          680          685
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259          690          695          700
261 Asp His Leu Ser Tyr Phe Thr Phe Ile Gly Arg Val Ala Gly Leu Ala
262 705          710          715          720
264 Val Phe His Gly Lys Leu Leu Asp Gly Phe Phe Ile Arg Pro Phe Tyr
265          725          730          735
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268          740          745          750
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271          755          760          765
273 Thr Glu Leu Asp Leu Met Phe Cys Ile Asp Glu Glu Asn Phe Gly Gln
274          770          775          780
276 Thr Tyr Gln Val Asp Leu Lys Pro Asn Gly Ser Glu Ile Met Val Thr
277 785          790          795          800
279 Asn Glu Asn Lys Arg Glu Tyr Ile Asp Leu Val Ile Gln Trp Arg Phe
280          805          810          815
282 Val Asn Arg Val Gln Lys Gln Met Asn Ala Phe Leu Glu Gly Phe Thr
283          820          825          830
285 Glu Leu Leu Pro Ile Asp Leu Ile Lys Ile Phe Asp Glu Asn Glu Leu
286          835          840          845
288 Glu Leu Leu Met Cys Gly Leu Gly Asp Val Asp Val Asn Asp Trp Arg
289          850          855          860
291 Gln His Ser Ile Tyr Lys Asn Gly Tyr Cys Pro Asn His Pro Val Ile
292 865          870          875          880
294 Gln Trp Phe Trp Lys Ala Val Leu Leu Met Asp Ala Glu Lys Arg Ile
295          885          890          895
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298          900          905          910
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304          930          935          940
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